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TITLE : FLAME-RETARDANT, ANTIMICROBIAL AND FUNGIPROOF RESIN COMPOSITION

ABSTRACT : PROBLEM TO BE SOLVED: To obtain the subject composition excellent in flame retardancy, antimicrobial property, fungicidal property and impact resistance and useful for electronic field, etc., by blending a resin composition comprising a rubber- reinforced styrenic resin, a flame retardant and antimony oxide compound with a specific amount of boric acid-based glass.

SOLUTION: This composition is obtained by blending 100 pts.wt. resin composition obtained by blending (A₁) 50-95wt.% rubber-reinforced styrenic resin with (A₂) 2-35 pts.wt. flame retardant such as tetrabromobisphenol A and (A₃) 0-15wt.% antimony oxide compound with (B) 0.01-10 pts.wt. boric acid based glass and as necessary, further (C) 0.1-7 pts.wt. fatty acid ester (e.g. octadecyl stearate) having 20-80°C melting point and obtained from a fatty acid and an aliphatic alcohol.

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